



About the Rediscovery Centre

The Rediscovery Centre is a creative space connecting people, ideas and resources. We bring together the skills and expertise of artists, scientists, designers and crafters, united in a common purpose of sustainability, resource efficiency and reuse.

Rediscovery Centre's Education Programme provides a variety of exciting workshops that are based on hands-on enquiry and experiential learning. Our workshops for primary schools are linked to the primary curriculum. Workshops can be delivered either in our centre, in your own classroom, or virtually online.

Our educators are trained in the delivery of environmental education and are Garda vetted.

The Rediscovery Centre is an accredited Research Ireland Discover Centre.

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Sustainable Schools Project

'Sustainable Schools: Achieving the SDGs through STEM' is an innovative programme for primary schools designed to bring the Sustainable Development Goals (SDGs) to life, embedding them into workshops that engage students in meaningful, interactive ways.

The project aims to empower and inspire primary school students to explore the application of Science, Technology, Engineering & Maths (STEM) thinking and skills to achieve the SDGs.

The Sustainable Schools Project will be achieved through:

100 FREE Education programmes in 50 primary schools around Ireland.

- Participating classes will take part in four 90 minute workshops across the academic year.
- Each class will do Workshop 1: Introduction to STEM & the SDGs. They will then choose 3 from the following workshops options: Biodiversity, Climate, Energy, Food, Waste and Water.

Classroom Investigation: Classes will undertake a follow-on science investigation/project on each theme, to explore how STEM can contribute towards a more sustainable world.



Available Nationwide!

Online Platform: The project's digital toolkit will provide schools with how-to guides, tips for integrating the SDGs into STEM lessons, practical classroom activities, and examples from schools that have taken part in the programme.

Lunchtime Sessions: In each school, the education team will deliver "lunchtime sessions" for teachers who do not have classes participating in the programme. These sessions will be conducted at the start of the programme to provide teachers with the opportunity to learn more about the programme and the project's online platform.

This project was kindly funded by Taighde Éireann (Research Ireland) and the Department of Education under the Discover Programme.



An Roinn Oideachais
Department of Education

Taighde Éireann
Research Ireland



Sustainable Schools Project

Each class will do Workshop 1: Intro to STEM & the SDGs. Then choose 3 from the following workshop options: Biodiversity, Climate, Energy, Food, Waste, Water.

All participating schools have to commit to taking part in 4 workshops as part of the programme.

Workshop 1: Introduction to STEM & the SDGs

Workshop 1 introduces students to the concepts of STEM, essential STEM skills, and the Sustainable Development Goals, showing how science and technology can drive solutions for sustainability. The workshop includes a range of fun hands-on activities to explore the sustainable development goals, why they are important, and to investigate solutions and actions students can undertake to create positive change for a more sustainable future.

Suitable for 3rd to 6th class.



Choose 3 from the following

Biodiversity and the SDGs:

The Biodiversity and the SDGs workshop brings STEM education to the classroom, focusing on the links between biodiversity and the SDGs. Through hands-on activities including the design of a wildlife bridge and arranging food webs, students will gain an understanding of the important role biodiversity plays in creating a sustainable world. Participants will explore STEM-based actions to aid biodiversity conservation, and develop an understanding of human impact on biodiversity.

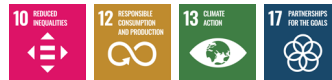
Suitable for 3rd to 6th class.



Climate and the SDGs:

The Climate and the SDGs workshop introduces the science of climate change, exploring its causes and effects. During the workshop, students will explore how we can take climate action and how STEM can be used to create solutions. The workshop features a range of hands-on activities to explore climate change, including investigating its effects and inspiring the students to create their own climate action plan.

Suitable for 3rd to 6th class.



Energy and the SDGs:

During the Energy and the SDGs workshop, students will engage in hands-on activities to explore the ways we use and waste energy in our everyday lives. They will also learn about where our energy comes from, and the effects energy production has on the environment. The workshop will also focus on possible solutions to the energy crisis and small things we can do every day to make a difference.

Suitable for 3rd to 6th class.



Food and the SDGs:

The Food and the SDGs workshop explores where our food comes from, the impacts of the food industry and production and how the food we eat can affect the environment. We will also investigate food waste, look at how the choices we make impact people and the planet, and learn how to be more sustainable. The workshop features a range of hands-on activities on food issues, including exploring inspiring examples of people and companies that are making a difference with their creative solutions.

Suitable for 3rd to 6th class.



Waste and the SDGs:

The Waste and the SDGs workshop introduces the science of waste and litter. We examine how much we produce, the impacts of litter and waste, and what we do with our waste. The workshop explores reducing, reusing and recycling, and how we can be more sustainable with our waste. The workshop includes a variety of hands-on activities to demonstrate the creative reuse of waste and how to take action on this issue.

Suitable for 3rd to 6th class.



Water and the SDGs:

This Water and the SDGs workshop focuses on the links between water and the SDGs. Through hands-on activities, participants will gain an understanding of the science of water, the water cycle, and relevant sustainability issues, including the importance of clean water, and water conservation. Students will develop their STEM skills by exploring practical solutions to tackle real-world sustainability challenges relating to water.

Suitable for 3rd to 6th class.

